Release A CDR RID Report

Date Last Modified 11/9/95
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Document CDR

RID ID **CDR** 49
Review SDPS/CSMS
Originator Ref UR RID
Priority 2

Section NA **Page** NA **Figure Table** NA

Category Name Data Server(DSS) Design **Actionee** ECS
Sub Category
Subject Applicability of Universal Reference to TSDIS

Description of Problem or Suggestion:

Much was made of universal references and directory services in the CDR presentation. The intent of these mechanisms seems to be to provide a method of accessing data files without requiring knowledge of the physical location of the file. I have been told, however, that TSDIS is required to remember which of the DAACs is storing a particular type of data and direct its requests appropriately. In other words, TSDIS must retain knowledge of the location of data. What is the cause of this discrepancy between the goals of universal references and the location specific knowledge required to access data in Release A?

Originator's Recommendation

Provide a means of true location independent access to data archived by ECS.

GSFC Response by: **GSFC Response Date**

HAIS Response by: Glen Cordrey **HAIS Schedule** 9/13/95
HAIS R. E. Glen Cordrey **HAIS Response Date** 11/1/95

Universal references do in fact provide location independent access. However, TSDIS has elected to not use URs, but to instead use TSDIS granule IDs. Therefore while the dataserver design does not require TSDIS to retain knowledge of data location, by electing to use granule IDs in lieu of URs TSDIS loses data location transparency. However, TSDIS can determine the actual location of the data via the adverstisement for the data, which contains the data location.

Status **Closed** **Date Closed** **11/9/95** **Sponsor** **Kobler**

****** **Attachment if any** ******